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Complete if Known Substitute for form 1449/PTO **Application Number** 10/773,900 Filing Date 02/06/2004 INFORMATION DISCLOSURE First Named Inventor Samir Chaudhry STATEMENT BY APPLICANT Art Unit 2811 (Use as many sheets as necessary) **Examiner Name** Unassigned Attorney Docket Number Chaudhry 28-20-10-14-4/075903-289

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.'	Number-Kind Code ^{2 (4 known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
V	Α	^{US-} 4,366,495	12-28-1982	Goodman, et al	
- T	В	^{US-} 4,455,565	06-19-1984	Goodman, et al	
	С	us- 4,587,713	05-13-1986	Goodman, et al	
	D	^{US-} 4,683,643	08-04-1987	Nakajima, et al	
	E	us. 4,786,953	11-22-1988	Morie, et al	
	F	^{US-} 4,837,606	06-06-1989	Goodman, et al	
	G	us- 5,342,797	08-30-1994	Sapp, et al	
	Н	us- 5,414,289	05-09-1995	Fitch, et al	
	I	^{US-} 5,576,238	11-19-1996	Fu	
	J	^{US-} 5,668,391	09-16-1997	Kim, et al	
	K	^{US-} 5,744,846	04-28-1998	Batra, et al	
	L	us- 6,027,975	02-22-2000	Hergenrother, et al	
	M	^{US-} 6,072,216	06-06-2000	Williams, et al	
	N	us- 6,121,077	09-19-2000	Hu, et al	
	0	us- 6,133,099	10-17-2000	Sawada	
1/	P	^{US-} 6,197,641	03-06-2001	Hergenrother, et al	
PC	Q	^{US-} 6,297,531	10-02-2001	Armacost, et al	
		US-			
		US-			

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
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Substitute for form 1449/PTO				Complete if Known		
Substitut	te tul tullit 1448/FTC			Application Number	10/773,900	
INF	ORMATIO	N DIS	CLOSURE	Filing Date	02/06/2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Samir Chaudhry	
	# les es ======	h4		Art Unit	2811	
	(Use as many si	neets as n	ecessary)	Examiner Name	Unassigned	
Sheet	2	of	2	Attorney Docket Number	Chaudhry 28-20-10-14-4/075903-289	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*			T²
R	1	DUDEK, ET AL, "Lithography-Independent Nanometer Silicon MOSFET's on Insulator", IEEE Transactions on Electron Devices, Vol. 43, No. 10, October 1996, pp. 1626-1631.	
je	2	RISCH, ET AL, "Vertical MOS Transistors with 70 nm Channel Length", IEEE Transactions on Electron Devices, Vol. 43, No. 9, September 1996, pp. 1495-1498.	
p	TAKATO, ET AL, "Impact of Surrounding Gate Transistor (SGT) for Ultra-High-Density LSI's", IEEE Transactions on Electron Devices, Vol. 38, No. 3, March 1991, pp. 573-577.		
pc	TAKATO, ET AL, "High Performance CMOS Surrounding Gate Transistor (SGT) for Ultra High Density LSIs", IEDM 1988, pp. 222-225.		
ρ	5	HERGENROTHER, ET AL, "The Vertical Replacement-Gate (VRG) MOSFET: A 50-nm Vertical MOSFET withLithography-Independent Gate Length", Technical Digest of IEDM, 1999, pp. 75-78.	
K	6	OH, ET AL, "50 nm Vertical Replacement-Gate (VRG) pMOSFETs", IEEE 2000.	
p	7	HERGENROTHER, ET AL, "The Vertical Replacement-Gate (VRG) MOSFETt: A High Performance Vertical MOSFET with Lithography-Independent Critical Dimensions", no publication information apparent from document.	
pc	8	MONROE, ET AL, "The Vertical Replacement-Gate (VRG) Process for Scalable, General-purpose Complementary Logic", Paper 7.5, pp. 1-7, date and publication information unknown.	

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